

**IN THE CLAIMS:**

Please cancel claims 6 and 7, and amend claims 10-12, 27-29 and 37 as follows:

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- β3*
10. (Amended) The method of claim 5, wherein the marker is Thy-1.
11. (Amended) The method of claim 5, wherein the marker is selected from the group consisting of RT1A, RT1B, and RT1D.
12. (Amended) The method of claim 5, wherein the marker is selected from the group consisting of flt-3, CD 34, c-Kit, and CD38.
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- β4*
27. (Amended) The method of claim 21, wherein the marker is Thy-1.
28. (Amended) The method of claim 21, wherein the marker is selected from the group consisting of RT1A, RT1B, and RT1D.
29. (Amended) The method of claim 21, wherein the marker is selected from the group consisting of flt-3, CD 34, c-Kit, and CD38.
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- β5*
37. (Amended) An isolated stem cell that does not express  $\beta_2$ -microglobulin, the isolated stem cell being isolated by:
- obtaining a sample of cells from a mammal;
  - sorting, from the sample, cells that express  $\beta_2$ -microglobulin from cells that do not express  $\beta_2$ -microglobulin; and
  - selecting the isolated stem cell from the sample of cells that do not express  $\beta_2$ -microglobulin.
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